Sea Viking 2004

CFACC Air Operations

12 April 2004

CFACC Mission

On order, the CFACC will conduct air and space operations in support of Coalition objectives in restoring the Government of Indonesia's (GOI) sovereignty over the Caliphate in order to provide stability and access within the region. When directed, the CFACC will gain and maintain access in the JOA, achieve air and space supremacy, locate, identify, and track WMD sites, disrupt/destroy enemy C2 and Caliphate forces, and support maritime operations in order to ultimately increase security and stability in the region. Following hostilities, the CFACC will be prepared to maintain airspace control over the JOA in order to enhance regional stability.

CFACC Concept of Operations

Conduct Global Strike operations to destroy anti-access threats, assure access, and set conditions for deployment of follow-on forces and sustainment of air operations to achieve Coalition objectives. Deploy forces IAW the TPFDD. Employ air and space forces to achieve a combination of kinetic and non-kinetic effects on the Caliphate leadership, IADS, enemy forces, enemy C2, and WMD sites to facilitate restoring the Government of Indonesia's (GOI) sovereignty over the Caliphate in order to provide stability and access throughout the region.

CFACC Concept of Operations

Combined Air and Space Objectives

- Deny access to and delivery of Caliphate WMD
- Neutralize adversary anti-access capabilities
- Gain and maintain air and space superiority
- Neutralize Caliphate leadership infrastructure
- Neutralize enemy C2
- Neutralize Caliphate regime forces
- Support CFLCC to defeat Caliphate ground forces
- Support CFSOCC operations
- Support CFMCC in maintaining maritime superiority

CFACC Concept of Operations

Additional CFACC Missions:

- CFACC will serve as Airspace Control Authority (ACA) and Area Air Defense Commander (AADC) to coordinate airspace and conduct OCA and DCA missions in the JOA
- Maintain the Joint Search and Rescue Center (JSRC) for personnel recovery operations in the JOA and other JFC designated operational areas
- Coordinate all inter-theater airlift and air refueling operations through the DIRMOBFOR
- Coordinate all theater space operations as Space Coordinating Authority through the CFACCs Director of Space Forces (DIRSPACEFOR)
- Provide intra-theater airlift and air refueling
- Conduct 24/7 multi-spectral ISR using air and space assets

CFACC Concept of Operations

- Purpose: Set conditions for regime removal, WMD denial, and neutralizing Caliphate regime armed forces

- Method: We will execute along four lines of operations: global strike (assuring access), counter regime, counter WMD, and counter force. Initial strikes will focus on gaining and maintaining access and quickly neutralizing enemy high value targets. Sustained operations are synchronized IOT diminish enemy capabilities and/or will to fight resulting in the degradation of the regime's ability to govern and control. CFACC will employ kinetic and non-kinetic capabilities. The goal is to collapse the Caliphate regime and restore the legitimacy and the sovereignty of the GOI in order to provide stability and access within the region.

- Method (con't): Along the third line of operation, Coalition air and space forces will locate, identify, and track WMD sites. CFACC is the supported commander in close coordination with CFSOCC.

- Method (con't): Finally, the fourth line of operation, we will provide airlift and strike assets in support of the CFLCC. We will continue to attack enemy ground targets using kinetic and non-kinetic means. Flexibility is built into the daily operations in order to interdict enemy ground force movement and destroy attempts of enemy concentration to counter coalition ground forces.

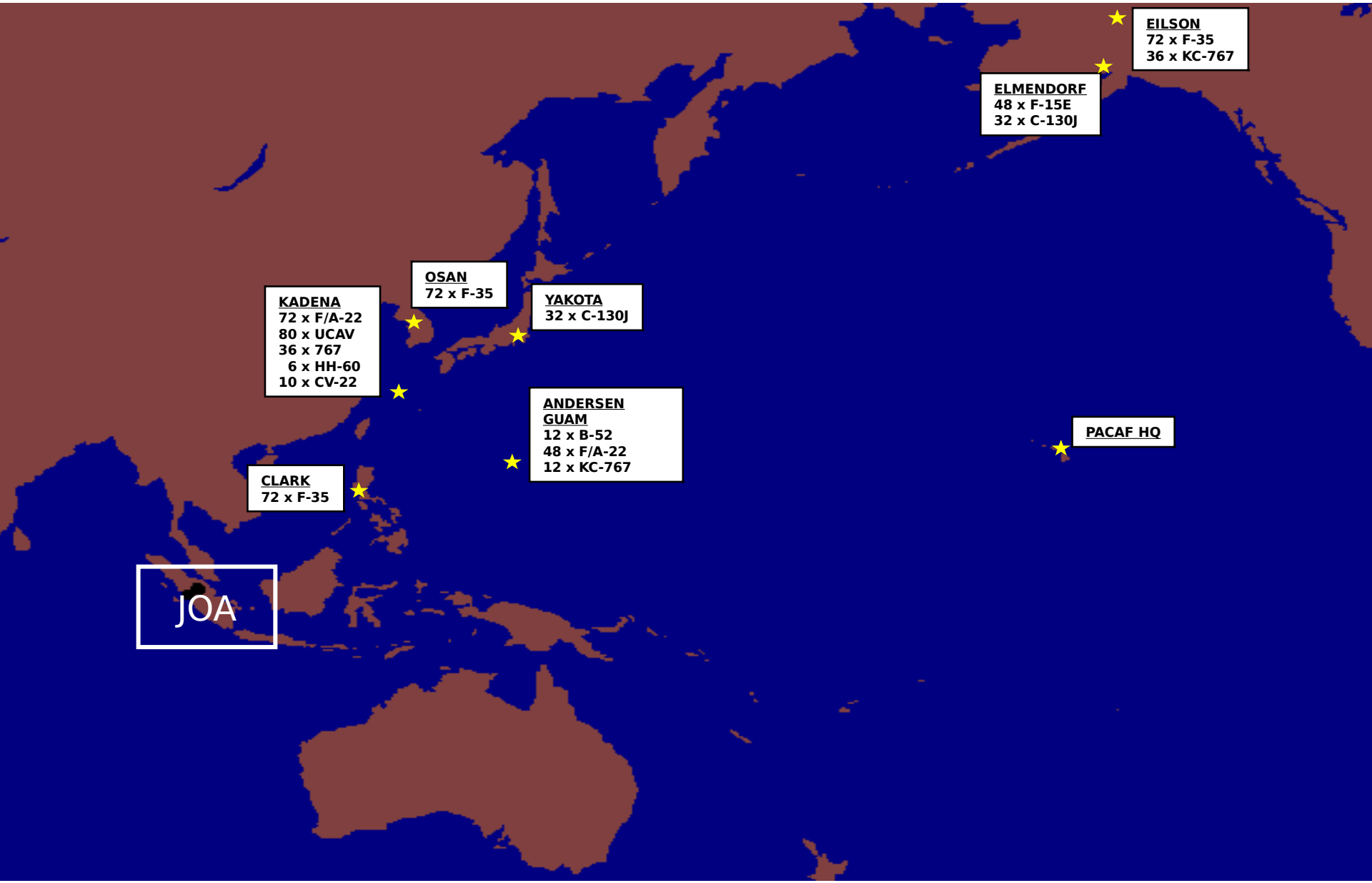
CFACC Concept of Operations

- Method (con't): The weight-of-effort (WOE) is directed to support the CFLCC. Focus airpower on preventing Caliphate ground forces from massing against coalition ground forces and threatening Coalition freedom of maneuver. A large portion of airpower will consist of XINT and CAS sorties dedicated to the CFC and CTF's objectives.

- Military Objectives: Caliphate leadership neutralized, WMD located/identified, and secured, anti-access targets destroyed, Caliphate forces neutralized, and the air component postured to support follow-on operations.

- Political Objective: Restore the Government of Indonesia's (GOI) sovereignty over the Caliphate in order to provide stability and access within the region

USAF In-Place Theater Assets



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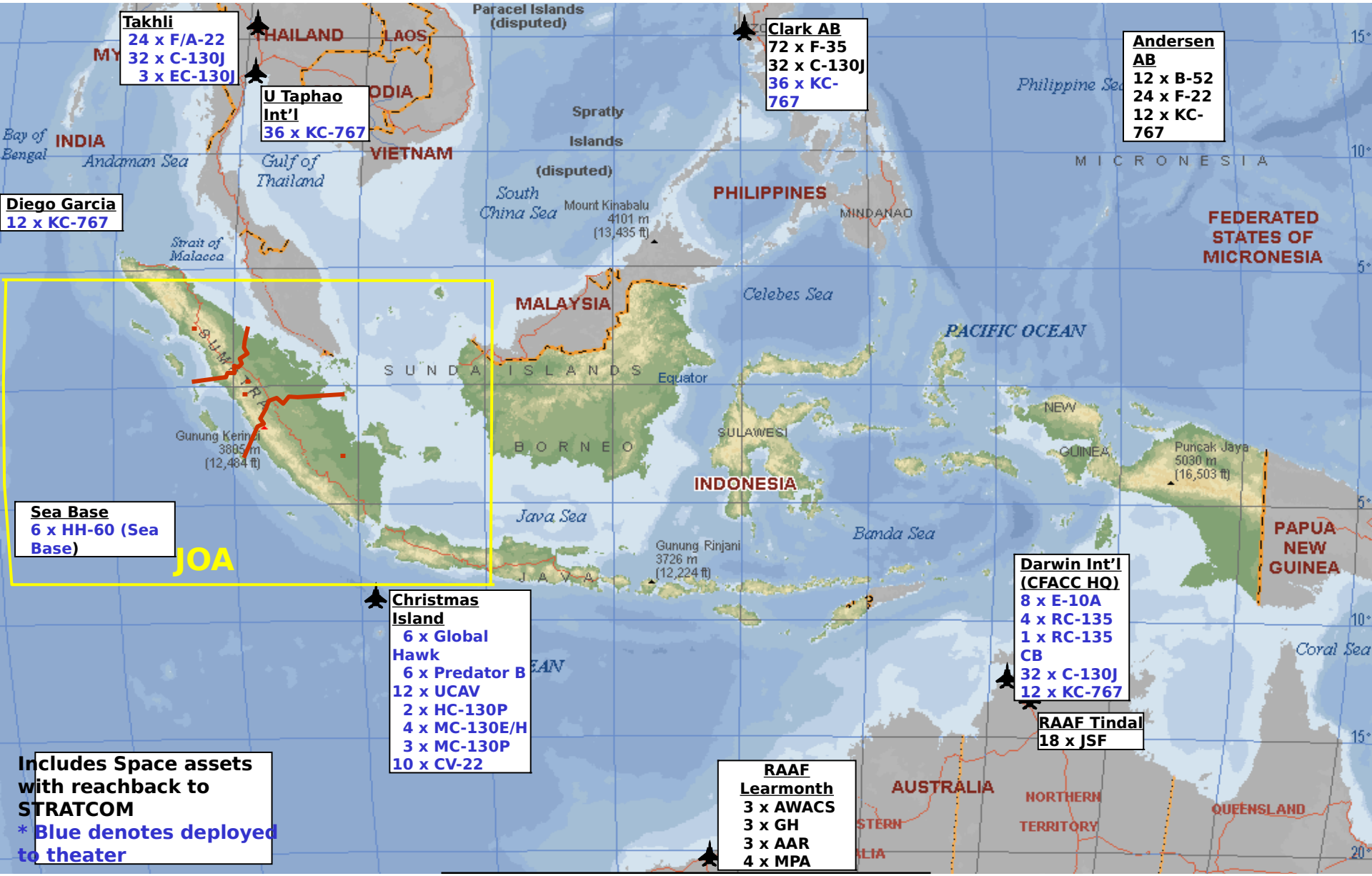
CFACC Beddown-Phase I Forward Presence



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USAF Capabilities by Phase

- **Phase I (ISR, Mobility, Air Refueling, Force Protection, Space Operations, CSAR, IO/IW)**
  - AWACS (E-10), Rivet Joint, C-130, C-17, F-35, C-5, F-22, UAV, Global Hawk, Predator, MC-130, HC-130, EC-130, KC-767, SATCOM, SBIRS, J-UCAS,Theater Dazzlers/Jammers, GPS, EC-130J, Decoy/Spoofing, GPS Jammer, Comm Jammers, Penetration Software, Viruses, Cell Phone Locator

- **Phase II (Global Strike-stealth, precision, standoff)**
  - F-22, F-35, B-1, B-2, B-52, ABL, CAV, UCAV, Cruise Missiles, Coalition assets, J-UCAS, GPS, SATCOM

- **Phase III/IV (Global Persistent Attack- CounterAir/CounterLand, Precision Attack, Real Time Targeting, Advanced Munitions (stand off, kinetic, non-kinetic), Prepositioning (fuel/munitions), Deception, Persistent Area Dominance (PAD), IO/IW, Global Mobility, Force Protection, CSAR, C4ISR,,**
  - AWACS (E-10), Rivet Joint, C-130, C-17, F-35, C-5, F-22, UAV, Global Hawk, Predator, MC-130, HC-130, KC-767, SATCOM, SBIRS, Theater Dazzlers/Jammers, F-22, F-35, B-1, B-2, B-52, ABL, CAV, UCAV, Cruise Missiles, HH-60, J-UCAS, Coalition assets, GPS, EC-130J, Decoy/Spoofing, GPS Jammer, Comm Jammers, Penetration Software, Viruses, Cell Phone Locator, Land/Sea-based prepositioned stocks

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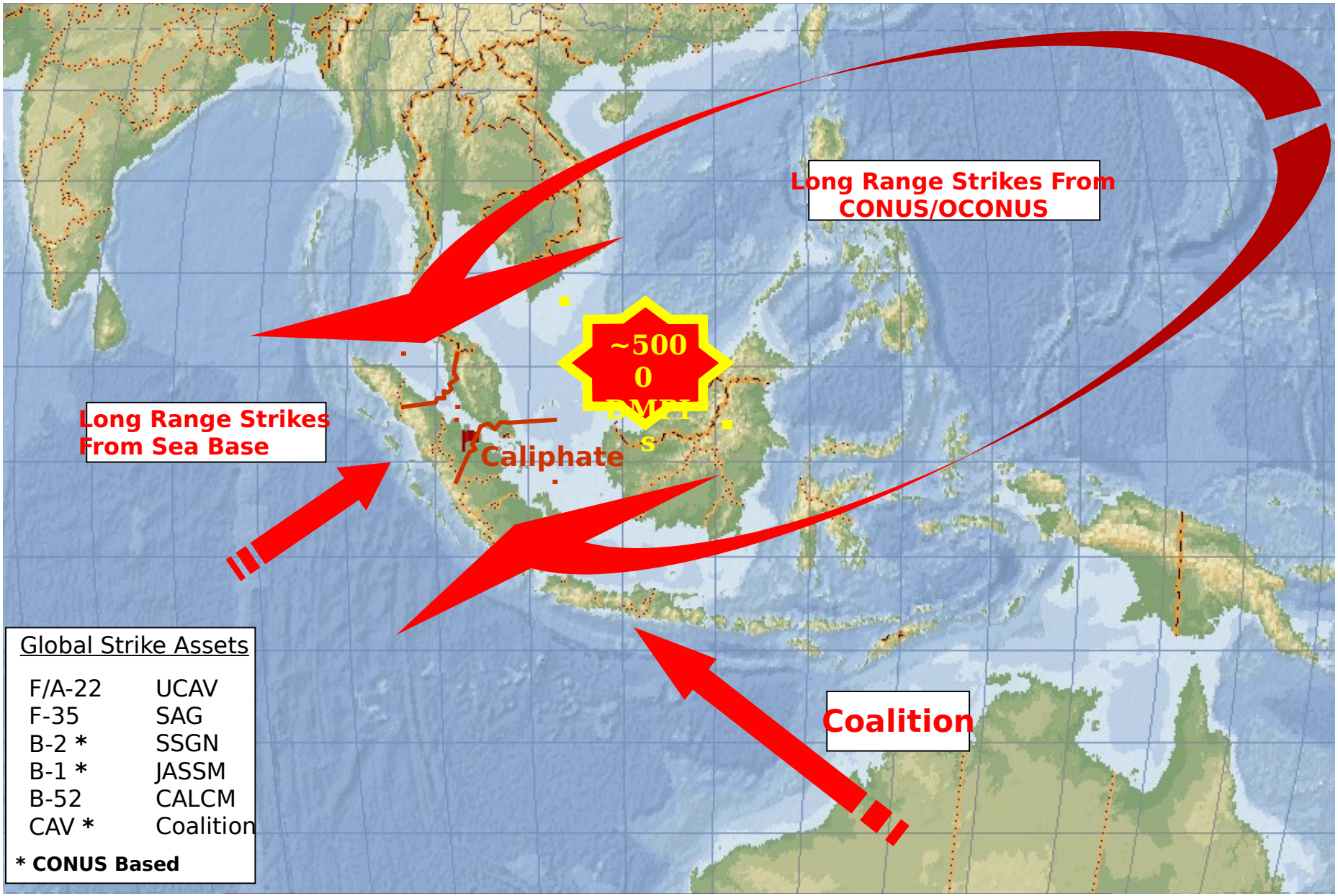
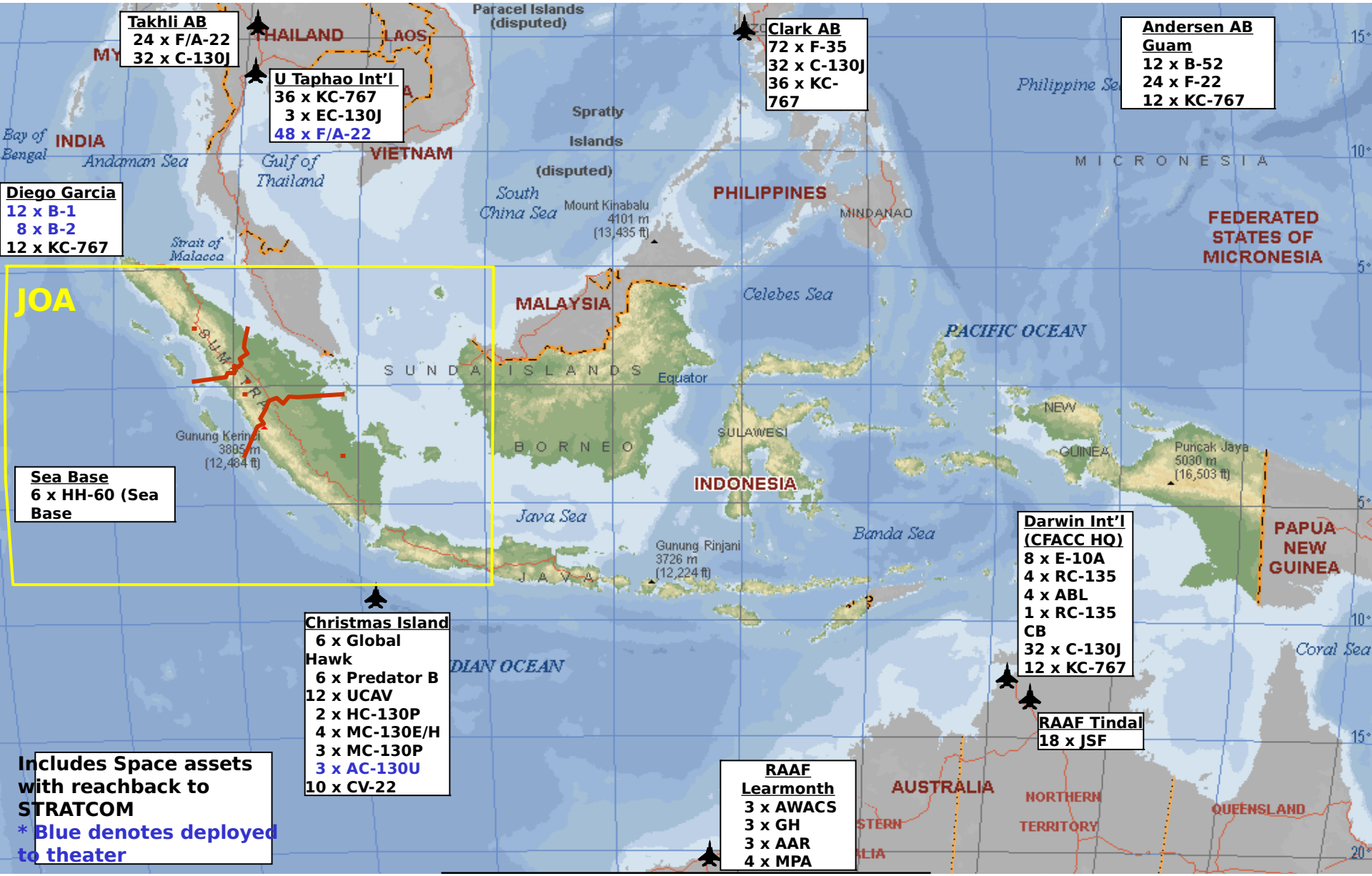
Phase II-Global Strike



CFACC Beddown- Phase II (JAFO)



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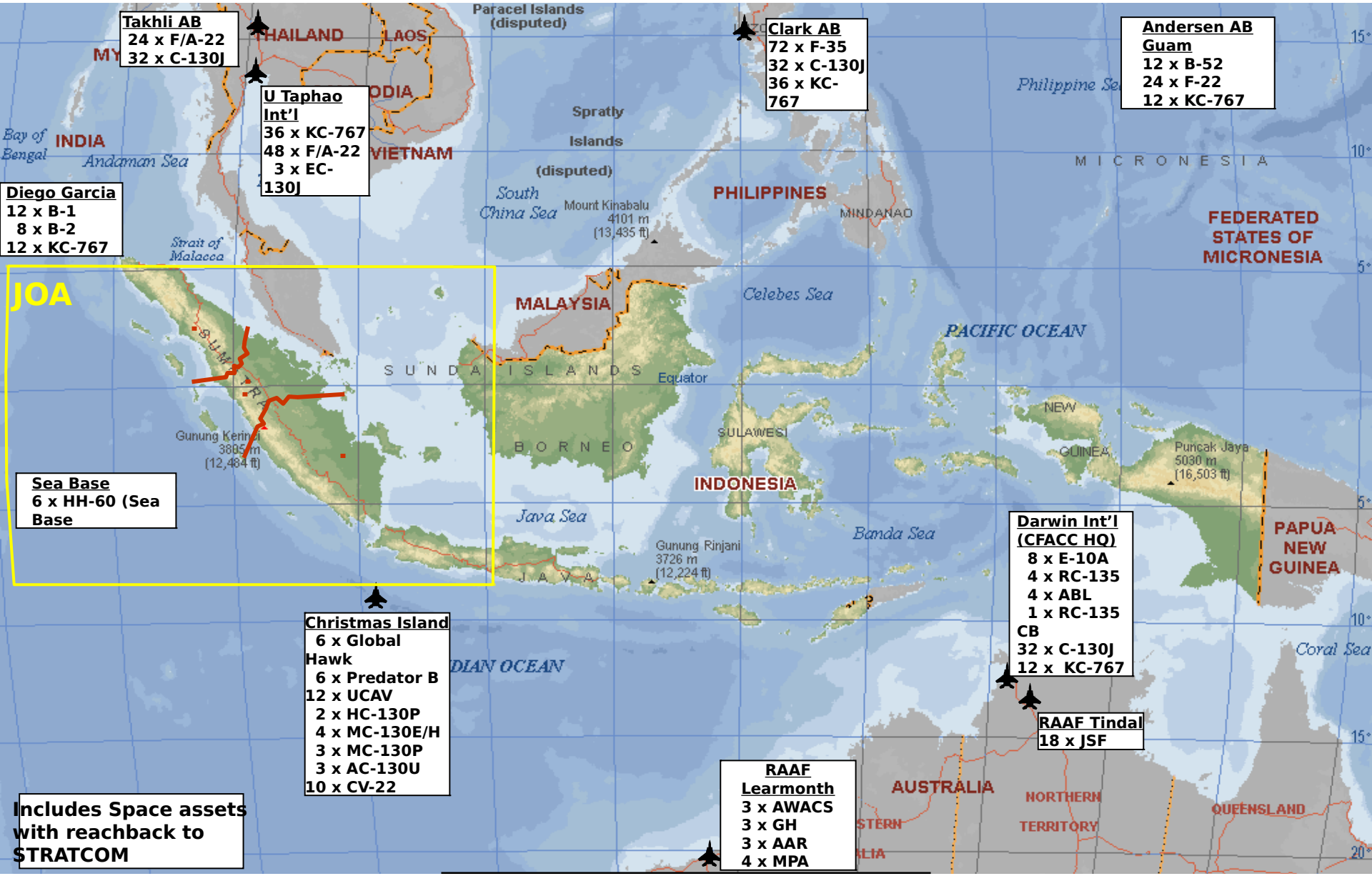
CFACC Beddown- Phase III/IV (Assault/Decisive Ops)



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Air Scheme of Maneuver
Global Strike

(illustrative, does not include coalition or maritime contribution)

PLATFORM	AVAILABLE	LOCATION	UTE	SORTIES	SCL	LOAD	DMPIs	
B-2	16	CONUS/ Diego Garcia	1.0	16	JDAM	64	1024	per day
F/A-22	24	Andersen AB	2.0	48	AIM 120	10	0	per day
F/A-22	48	Kadena AB	2.0	96	JDAM	8	768	per day
UCAV	24	Christmas I.	3.0	72	SDB	8	576	per day
B-52	12	Andersen AB	1.0	12	JASSM-ER	20	240	per day
B-1	12	CONUS/ Diego Garcia	1.0	12	JAASM-ER	24	288	per day
SOV / CAV	10	CONUS	0.1	1	WASAAM	60	60	per day (for 9 days)
F-35	36	Clark AB	2.0	72	SDB	8	576	per day
F-35	36	Clark AB	2.0	72	SDB	8	576	per day

~ 4100 Targets

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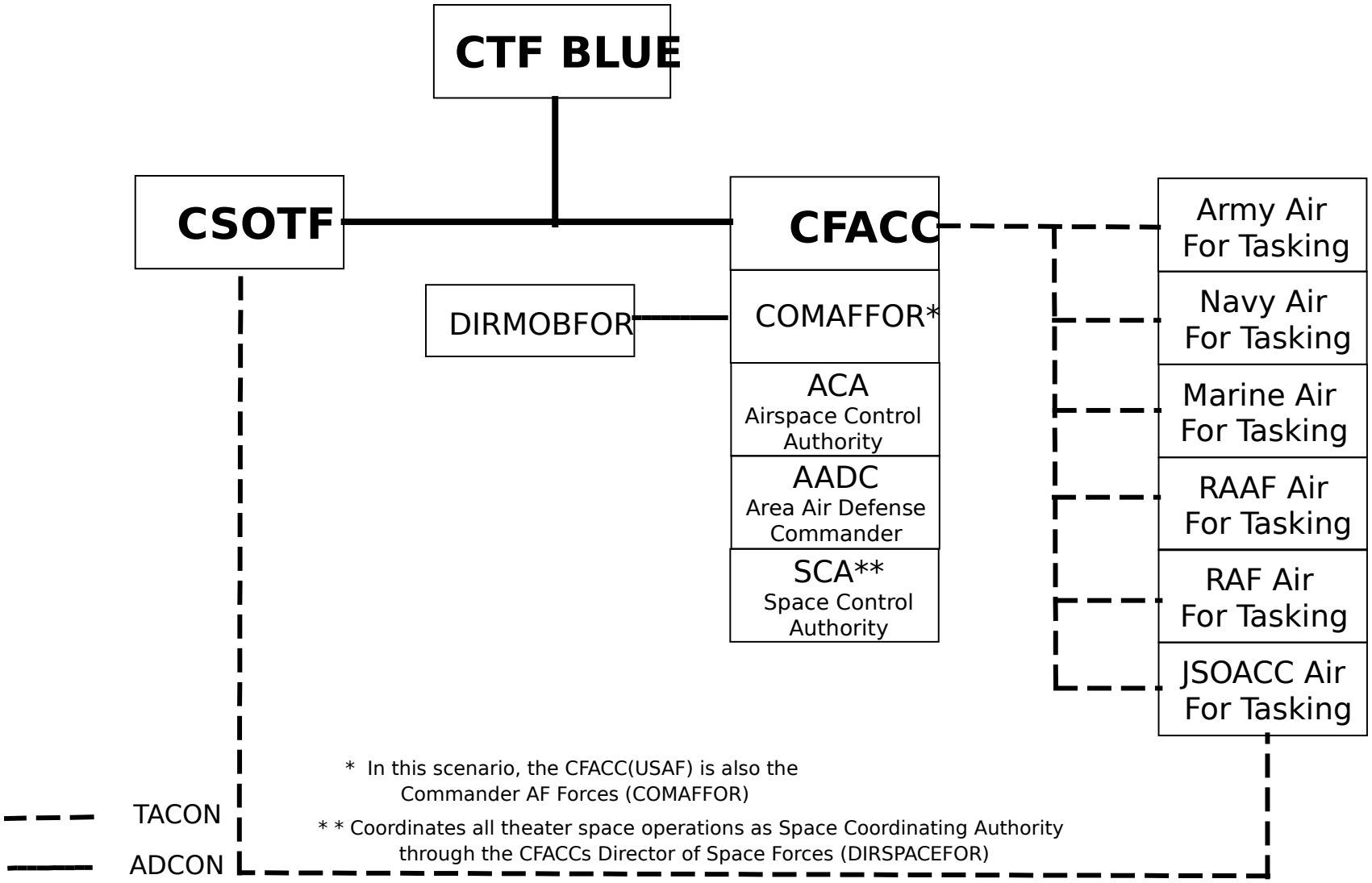
Pre C-Day Conditions

- Focus survivable ISR
  - National, Space, Airborne, SOF SR
  - WMD I&W ongoing
  - ONA, IPB ongoing
- Aggressive, full spectrum IO ongoing
- Air munitions prepositioned in Europe, Med, Indian Ocean, Pacific
- IPB near complete, targets detected, identified & tracked
  - Air Defense C4ISR, control centers, radars, AWACs beddown
  - Enemy Leadership
  - Combat/Combat Support aircraft & airfield support
  - WMD storage, production, assembly, transportation
  - TBMs/IADS
  - Command & Control infrastructure

CFACC Organization Diagram



Air Scheme of Maneuver-Phase I (Forward Presence)

- **Beginning Condition: CTF Course of Action approved; Deployment Order issued; CFACC in place with CAOC up and running; ONA on-going; SOV on alert**
- **Objectives/End Conditions**
  - **Space ISR focused on JOA/WMD**
    - **WMD I&W conditions set; focused ISR of Chem/Bio capability ongoing; forces prepared to secure/neutralize on order**
    - **Additional focus on Caliphate leadership/IADS/TBM/airfields/C2/ground forces**
  - **Anti-access threats targeted for day one attacks**
  - **Force protection in place**
  - **CONUS based follow-on forces postured for deploy-employ operations**
  - **FOLs prepared to receive deployed forces**
  - **Sufficient IPB for JTF to prevent strategic surprise**
  - **Surface/Martime missile defense in place to support Blue FOLs & SMOBs**
  - **Priority forces deployed**
  - **Maritime forces poised**
  - **Global Strike forces on alert/prepared to employ**
  - **ATO ready to execute/disseminated**
  - **Comm sufficient to support C2ISR**
  - **CSAR support**
  - **Comms-Maximize SATCOM coverage**
  - **GPS anti-jam optimization**
  - **Max weather coverage for theater and operating locations**
  - **Increase focus on theater missile warning**

Air Scheme of Maneuver-Phase I (Forward Presence)

- Concept of Operations: Demonstrate aggressive Coalition capabilities seeking to deter possible warfare by Caliphate.
  - Aggressive, full spectrum information operations continue
  - Maximum air & space ISR coverage of the JOA
    - Layered approach utilizing national assets
    - Provide battlespace awareness dominance
  - Continue aggressive PSYOPS/IO campaign
  - Highlight and publicize operations in support of deception operations
  - Fly in-theater aircraft on aggressive freedom of navigation missions
  - Fly escorted ISR missions
  - Allow Red to observe Coalition training and flight operations
  - Posture space force application systems to pre-empt RED use of TBMs and WMD from C-Day on (STRATCOM)
    - 1 SOV with 10 CAVs on 2 hour alert
  - Limit RED access to GRAY space support
    - Theater Dazzlers/Jammers conduct selective reversible denial of GRAY systems in support of deception
    - Pre-position counterspace microsats near GRAY satellites (STRATCOM)
  - Implement Space System Protection Measures (STRATCOM)

Air Scheme of Maneuver-Phase II (Joint Advance Force Operations)

- Beginning Condition: Air & Space Expeditionary Forces ready for sustained, overwhelming, effects to kick down door…or preempt if I&W indicates Red preparations for WMD/dispersal/use

- Objectives/End Conditions
  - Deny Caliphate capability to leverage WMD using robust ISR including SBR/SBIR/MTI/SIGINT/HUMINT
  - Achieve air superiority in the JOA
  - Neutralize/destroy Caliphate C2 to severely degrade enemy leadership’s ability to control its forces and shape public perception
  - Isolate/neutralize Caliphate leadership
  - Render Caliphate air assets ineffective
  - locate, identify, and track enemy WMD
  - Neutralized/destroy enemy IADS
  - Neutralize/destroy enemy ISR capability
  - Render Caliphate ballistic missile capability militarily ineffective
  - Set conditions for entry of legacy, persistent air forces to achieve desired end states
  - Coalition forces poised to engage with major ground forces to achieve end state

Air Scheme of Maneuver-Phase II (Joint Advance Force Operations)

- Concept of Operations: air, maritime, space, cyber and ground forces conduct massive, continuing attacks against enemy forces in surge mode for 5-7 days to set conditions for persistent operations.
  - Large bomber forces operating from deployed locations
  - Stealthy Coalition fighter forces operating forward and afloat
  - UCAVs performing extremely high risk DEAD/ISR missions
  - O/O CFACC conducts attacks across enemy electromagnetic spectrum to deny enemy military SA
  - Conduct tactical level jamming and spoofing
  - Computer network attacks
  - Conduct strikes on anti-access threats/C2 nodes; neutralize or disrupt TV/media, broadcast capabilities
  - Conduct robust ISR on WMD capability, enemy C2, enemy leadership, and enemy forces,
  - TCT joint forces poised for attack 24/7
  - Joint service can service 5000 targets daily
  - Posture space force application systems to preempt RED use of TBMs or WMD; provide TCT
  - Focus Space Situational Awareness (STRATCOM)
    - **Deny RED access to GRAY space support**
  - Space System Protection Measures (STRATCOM)

Air Scheme of Maneuver-Phase III/IV Assault/Decisive Operations

- Beginning Condition: Theater air superiority

- Objectives
  - Provide air, space and cyber support for the joint force
  - Neutralize active enemy hostile forces
  - Support seizure and occupation of centers of gravity
  - Force surrender or elimination of current Caliphate regime by overwhelming multi-access thrust of air, space, cyber, maritime and land forces
  - Remaining hostile enemy forces surrender, fixed in place, or destroyed
  - Coalition forces possess freedom from attack and freedom to attack
  - Conditions set for follow on leadership

Air Scheme of Maneuver-Phase III/IV Assault/Decisive Operations

- **CONOPS: Blue will establish/maintain:**
  - **Robust 24/7 focused ISR over selected areas/HVTs**
  - **Robust 24/7 capability for emerging/time critical targeting of enemy targets and any remaining anti-access threats**
  - **Aggressive, full-spectrum information operations PSYOPS/IO campaign**
  - **24/7 direct contact with ground forces/special operators for near immediate battlefield air interdiction (XINT/KI/CAS)**
  - **Sanitized, protected air corridors for intensive lift/sustainment operations in conjunction with ground ops; blue lethal air intensely patrolling these corridors whenever active**
  - **Massive lift capability to support vertical envelopment & sustainment operations (@120 C-17 or 400 C-130 sorties/day**
  - **Significant bomber/fighter forces airborne 24/7 over the Caliphate to deal with emerging targets, to fix enemy ground forces, and to protect Blue airlift/ISR forces**
  - **F-35 and F/A-22s to provide DCA/OCA/TST capabilities from CAPs positioned to optimize rapid response to TST and protect HVA.**
  - **HA and CA incentives**
  - **Low risk environment for Coalition assets to operate throughout the JOA**
  - **Optimal locations for friendly ISR assets & ABL to operate from; manned ISR coverage increased**
  - **Posture space force application systems to respond to developing WMD targets and other TCTs as needed (STRATCOM/JTF)**
    - **1 SOV with 10 CAVs on 2 hour alert for developing WMD targets or other TCTs**
  - **Continue reversible attacks on GRAY space assets supporting RED**
    - **Employ blocker/dazzler microsats against known GRAY supporters to cut off RED ability to detect theater force movements from space (STRATCOM)**
      - **Focus on ensuring complete RED space ISR denial to enable some tactical surprise**
    - **Employ surveillance microsats to monitor compliance with denial (STRATCOM)**
    - **Consider hard kill attacks on intractable GRAY space assets as political situation warrants (STRATCOM)**

Air Scheme of Maneuver-Phase III/IV Assault/Decisive Operations

- Ending Condition
  - Overwhelming multi-access thrust of air, space, cyber, maritime and land forces effects surrender or elimination of current regime
  - Remaining hostile enemy forces surrender, fixed in place, or neutralized
  - Blue forces move about Red (except some urban areas) with freedom from attack and freedom to attack
  - Blue forces lay astride key economic, energy and political centers
  - Conditions set for follow on leadership

- **Desired End State**: All operational threats destroyed/neutralized; follow on governance ready to assume Red leadership with popular support

Air Scheme of Maneuver-Phase V Transition to GOI

- Continue HA and airlift sustainment missions while continuing “presence” missions (XINT/KI/CAS)
  - Establish and conduct airlift missions from capable airfields for sustainment,HA and stability support
  - Be prepared to request follow-on forces to replace initial cadre for extended SASO/HA
- Link HA with JPOTF and CA effects
- Prepare forces for follow on mission as directed
  - Conduct persistent 24/7 ISR of high interest areas
  - Reposition strike, CSAR, and lift assets as required
- Redeploy forces and coordinate CTF redeployment